



U. S. Department of Commerce
Economics and Statistics Administration
BUREAU OF THE CENSUS

Manufacturers' Shipments, Inventories, and Orders

September 1995

M3-1-(95)-9

For Wire Transmissions 10:00 a.m. E.S.T. November 2, 1995

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Note: All figures in text are in seasonally adjusted current dollars

Summary

New orders for manufactured goods in September increased \$4.6 billion or 1.5 percent to \$306.5 billion, the Department of Commerce, Bureau of the Census reported today. This follows a 2.7 percent August increase and is the fourth increase this year. Year to date, new orders are 7.6 percent above the same period a year ago; third quarter new orders are 1.7 percent above second quarter.

Shipments, up four of the last five months, increased \$1.3 billion or 0.4 percent to \$304.3 billion, following a 3.3 percent August increase. Year to date, shipments are 7.8 percent above the same period a year ago; third quarter shipments are 1.1 percent above second quarter.

Unfilled orders, up for the fifth month this year, increased \$2.2 billion or 0.5 percent to \$461.5 billion, following a 0.2 percent August decline. The unfilled orders-to-shipments ratio was 2.74, unchanged from August.

Inventories increased \$2.4 billion or 0.6 percent to \$415.6 billion, the twelfth consecutive monthly increase and the nineteenth in the last twenty-one months. The inventories-to-shipments ratio was 1.37, up from 1.36 in August.

New Orders

New orders for manufactured durable goods in September increased \$4.8 billion or 2.9 percent to \$168.9 billion, revised from the previously published 3.0 percent increase. This follows a 5.1 percent August increase and is the fourth increase this year.

Transportation equipment had the largest increase, \$4.1 billion or 10.6 percent to \$43.1 billion; led by aircraft and parts, all component categories increased. This follows a 17.2 percent August increase. Electronic and other electrical equipment increased \$1.5 billion or 5.5 percent to \$28.1 billion, due to communication equipment. This follows a 5.7 percent August decline. Industrial machinery and equipment, up four of the last five months, increased \$0.3 billion or 1.0 percent to \$31.7 billion, following a 5.4 percent August increase. Fabricated metal products increased \$0.2 billion or 1.0 percent to \$16.1 billion, following a 1.1 percent August increase. Instruments and related products had the largest decrease, \$0.8 billion or 6.7 percent to \$10.8 billion, following a 6.6 percent August increase. Primary metals decreased \$0.3 billion or 2.0 percent to \$14.9 billion. This follows a 6.6 percent August increase and is the eighth decrease this year.

New orders for nondurable goods, down for the first month since March, decreased \$0.2 billion or 0.1 percent to \$137.6 billion. Decreases, led by chemicals and allied products and tobacco products, more than offset increases led by textile mill products and food and kindred products.

Shipments

Shipments of durable goods in September increased \$1.7 billion or 1.0 percent to \$165.9 billion, unrevised from the previously published 1.0 percent increase. This follows a 5.3 percent August increase and is the ninth increase in the last eleven months. Transportation equipment, up

three of the last four months, had the largest increase, \$1.0 billion or 2.7 percent to \$39.8 billion, mostly due to motor vehicles and parts. This follows an 11.4 percent August increase. Electronic and other electrical equipment increased \$0.4 billion or 1.5 percent to \$27.6 billion, the fourth increase in the last five months. Industrial machinery and equipment, up four of the last five months, increased \$0.4 billion or 1.3 percent to \$31.8 billion. This follows a 4.0 percent August increase. Instruments and related products, down three of the last four months, decreased \$0.2 billion or 1.9 percent to \$11.5 billion.

Shipments of nondurable goods, down two of the last three months, decreased \$0.4 billion or 0.3 percent to \$138.4 billion, following a 0.9 percent August increase. Chemicals and allied products had the largest decrease, \$0.4 billion or 1.1 percent to \$30.5 billion, following a 0.7 percent August decline. Tobacco products decreased \$0.2 billion or 7.5 percent to \$2.6 billion, the fourth decrease in the last five months.

Unfilled Orders

Unfilled orders for durable goods in September increased \$3.0 billion or 0.7 percent to \$437.1 billion, unrevised from the previously published 0.7 percent increase. This follows a slight August decrease and is the largest increase since January. Transportation equipment had the largest increase, \$3.3 billion or 1.7 percent to \$199.4 billion, following a 0.1 percent August increase. This is the largest increase since July 1991. Electronic and other electrical equipment increased \$0.5 billion or 1.0 percent to \$54.9 billion. This follows a 0.9 percent August decrease and is the eleventh increase in the last thirteen months. Instruments and related products had the largest decrease, \$0.7 billion or 1.4 percent to \$45.3 billion. This is the seventh consecutive monthly decline. Industrial machinery and equipment decreased \$0.1 billion or 0.2 percent to \$72.7 billion, following a slight August decrease. This is the third consecutive decrease.

Inventories

Inventories of durable goods in September increased \$1.3 billion or 0.5 percent to \$261.4 billion. This follows a 0.2 percent August increase and is the nineteenth increase in the last twenty-one months. Electronic and other electrical equipment had the largest increase, \$0.8 billion or 1.8 percent to \$46.2 billion. This follows a 1.3 percent August increase and is the twenty-first consecutive monthly increase. Transportation equipment increased \$0.2 billion or 0.4 percent to \$59.1 billion, following a 0.3 percent August decrease. Fabricated metal products decreased \$0.2 billion or 0.8 percent to \$25.2 billion. This follows a 0.7 percent August decrease and ten consecutive monthly increases.

Inventories of nondurable goods, up for the twelfth consecutive month, increased \$1.1 billion or 0.7 percent to \$154.2 billion. Paper and allied products had the largest increase, \$0.4 billion or 2.3 percent to \$16.4 billion. Food and kindred products increased \$0.3 billion or 1.1 percent to \$31.1 billion.

By stage of fabrication, finished goods increased 0.9 percent in durables and 1.2 percent in nondurables. Work in process increased 0.5 percent in durables and 0.3 percent in nondurables. Materials and supplies increased slightly in durables and 0.4 percent in nondurables.

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The advance report on durable goods for October is scheduled for November 29, 1995 at 8:30 a.m. and the full report on December 6, 1995 at 10:00 a.m. For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. This report is also available the day of issue through the Department of Commerce's online Economic Bulletin Board (N-8-1) (202-482-3870) and through the Census Bureau's online information service--CENDATA. CENDATA is available from Dialog Information Services, Inc. (1-800-334-2564) and CompuServe (1-800-848-8199). The CENDATA staff at the Bureau of the Census (301-457-1305) can provide content information and general guidance.

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS
(Millions of dollars)

Industry	Seasonally adjusted						Not seasonally adjusted ¹						
	Monthly			Percent Change			Monthly				Percent change	Year to date	
	Sept. 1995 ^p	Aug. 1995 ^r	July 1995	Aug.-Sept.	July-Aug.	June-July	Sept. 1995 ^p	Aug. 1995 ^r	July 1995	Sept. 1994		1995 ^p	1994
All manufacturing industries	304,320	303,021	293,474	+0.4	+3.3	-1.8	323,293	303,622	264,149	304,359	+6.2	2,680,407	2,493,232
Manufacturing Industries													
with unfilled orders	168,161	167,499	162,293	+0.4	+3.2	-2.1	181,069	166,141	143,759	166,360	+8.8	1,467,516	1,337,006
without defense capital goods	297,903	296,518	287,103	+0.5	+3.3	-1.8	316,248	297,293	258,429	297,166	+6.4	2,623,064	2,432,747
Durable goods industries	165,915	164,196	155,919	+1.0	+5.3	-3.1	177,101	161,256	132,423	164,273	+7.8	1,443,444	1,338,323
With unfilled orders	132,337	131,576	126,922	+0.6	+3.7	-2.3	143,221	129,184	110,112	131,620	+8.8	1,153,363	1,055,873
Stone, clay, and glass products	7,307	7,326	7,216	-0.3	+1.5	+1.6	8,073	7,874	7,014	7,466	+8.1	64,306	59,889
Primary metals	14,982	14,936	14,696	+0.3	+1.6	-1.9	15,350	14,956	13,183	13,935	+10.2	136,143	114,561
Blast furnaces, steel mills	6,399	6,235	6,045	+2.6	+3.1	-2.8	6,489	6,244	5,455	6,069	+6.9	57,264	51,464
Iron and steel foundries	1,329	1,346	1,318	-1.3	+2.1	+0.3	1,375	1,373	1,024	1,312	+4.8	11,985	10,737
Nonferrous and other primary metals	7,254	7,355	7,333	-1.4	+0.3	-1.6	7,486	7,339	6,704	6,554	+14.2	66,894	52,360
Fabricated metal products	16,024	16,135	15,762	-0.7	+2.4	+0.8	16,884	16,449	14,003	16,181	+4.3	142,793	136,016
Industrial machinery and equipment	31,846	31,431	30,213	+1.3	+4.0	-2.2	34,870	29,198	25,606	30,703	+13.6	273,973	242,119
Engines and turbines	1,930	1,833	1,749	+5.3	+4.8	+1.6	2,220	1,631	1,222	2,202	+0.8	16,267	15,886
Farm and garden machinery	1,850	1,887	1,853	-2.0	+1.8	+3.6	1,598	1,483	1,380	1,589	+0.6	17,250	16,493
Construction, mining and material handling equipment	3,279	3,276	3,232	+0.1	+1.4	+0.9	3,276	3,138	2,930	2,843	+15.2	28,881	24,485
Metalworking machinery	3,424	3,519	3,462	-2.7	+1.6	+0.3	3,777	3,331	2,845	3,529	+7.0	29,618	25,219
Computer and office equipment	9,099	8,746	8,369	+4.0	+4.5	-4.0	11,519	7,716	6,397	9,492	+21.4	74,646	63,839
Electronic and other electrical equipment	27,595	27,174	25,789	+1.5	+5.4	-2.5	30,300	26,775	22,725	25,691	+17.9	229,253	198,578
Electrical transmission and distribution equipment and industrial apparatus	2,990	2,992	2,844	-0.1	+5.2	-3.2	3,295	2,948	2,527	2,898	+13.7	26,099	23,585
Household appliances	1,999	2,002	1,873	-0.1	+6.9	-0.1	2,139	2,089	1,776	2,010	+6.4	17,327	16,980
Electric lighting and wiring equipment	1,952	1,939	1,891	+0.7	+2.5	+1.4	2,095	1,910	1,580	2,009	+4.3	17,078	15,881
Household audio and video equipment	1,169	1,118	1,165	+4.6	-4.0	+2.8	1,449	1,204	1,057	1,299	+11.5	9,567	8,652
Communications equipment	6,393	6,195	6,073	+3.2	+2.0	-6.8	7,162	5,715	5,108	6,028	+18.8	52,808	43,055
Electronic components	10,923	10,539	10,075	+3.6	+4.6	+0.7	11,720	10,590	9,148	8,976	+30.6	87,643	71,106
Transportation equipment	39,764	38,725	34,760	+2.7	+11.4	-8.1	40,976	37,085	25,021	40,393	+1.4	345,719	344,493
Motor vehicles and parts	28,668	27,812	23,865	+3.1	+16.5	-8.7	29,072	26,759	15,367	28,534	+1.9	245,359	245,048
Aircraft, missiles, space vehicles, and parts	8,283	8,257	8,194	+0.3	+0.8	-3.2	9,004	7,655	7,187	8,948	+0.6	74,246	74,970
Shipbuilding and tanks	771	880	785	-12.4	+12.1	-8.3	808	862	731	982	-17.7	7,481	8,898
Instruments and related products	11,470	11,691	11,123	-1.9	+5.1	-2.7	12,493	11,477	9,872	12,222	+2.2	102,304	97,788
Search and navigation equipment	2,518	2,588	2,406	-2.7	+7.6	-1.8	2,814	2,521	2,084	2,814	0.0	22,550	22,050
Measuring and controlling devices	3,760	3,760	3,474	0.0	+8.2	-5.5	4,065	3,724	3,045	3,587	+13.3	32,440	28,643
Medical instruments and supplies	3,075	3,151	3,065	-2.4	+2.8	-0.8	3,272	3,107	2,797	3,214	+1.8	27,737	26,704
Photographic goods	1,725	1,783	1,778	-3.3	+0.3	-1.3	1,913	1,709	1,560	2,167	-11.7	15,917	17,041
All other durable goods	16,927	16,778	16,360	+0.9	+2.6	-0.9	18,155	17,442	14,999	17,682	+2.7	148,953	144,879
Nondurable goods industries	138,405	138,825	137,555	-0.3	+0.9	-0.2	146,192	142,366	131,726	140,086	+4.4	1,236,963	1,154,909
With unfilled orders	35,824	35,923	35,371	-0.3	+1.6	-1.4	37,848	36,957	33,647	34,740	+8.9	314,153	281,133
Food and kindred products	37,035	36,818	36,207	+0.6	+1.7	+0.5	39,545	37,450	34,544	38,219	+3.5	324,836	318,048
Meat products	8,963	8,505	8,422	+5.4	+1.0	+1.7	9,447	8,723	8,322	8,522	+10.9	74,852	72,317
Dairy products	4,680	4,656	4,571	+0.5	+1.9	-0.4	4,844	4,743	4,475	4,815	+0.6	42,151	41,690
Beverages	5,511	5,660	5,382	-2.6	+5.2	+0.8	5,665	6,218	5,601	5,305	+6.8	49,261	47,439
All other foods, except fats and oils	16,116	16,163	16,137	-0.3	+0.2	+1.0	17,824	15,932	14,451	17,750	+0.4	141,768	140,304
Tobacco products	2,638	2,852	2,965	-7.5	-3.8	+7.5	2,810	2,944	2,849	2,784	+0.9	25,659	24,217
Textile mill products	6,260	6,232	6,161	+0.4	+1.2	-1.7	6,889	6,623	5,455	6,959	-1.0	56,707	55,387
Broadwoven fabrics and other textiles	3,887	3,856	3,742	+0.8	+3.0	-2.8	4,256	4,034	3,200	4,278	-0.5	35,219	34,375
Paper and allied products	14,139	14,123	13,900	+0.1	+1.6	-2.3	14,491	14,452	13,513	12,283	+18.0	124,424	101,245
Pulp, paper, and paperboard mill products	6,241	6,253	6,189	-0.2	+1.0	-0.7	6,266	6,323	6,097	4,862	+28.9	54,259	39,996
Paperboard containers and boxes	3,786	3,754	3,636	+0.9	+3.2	-3.0	3,862	3,893	3,504	3,214	+20.2	33,262	26,370
Miscellaneous converted paper products	4,112	4,116	4,075	-0.1	+1.0	-3.8	4,363	4,236	3,912	4,207	+3.7	36,903	34,879
Chemicals and allied products	30,490	30,842	31,058	-1.1	-0.7	+1.1	31,577	30,765	29,342	30,783	+2.6	277,885	255,148
Industrial chemicals	16,355	16,551	16,673	-1.2	-0.7	-2.1	16,551	16,643	16,072	16,090	+2.9	152,080	133,103
Drugs, soaps, and toiletries	10,294	10,613	10,496	-3.0	+1.1	+3.2	11,663	10,782	9,708	11,720	-0.5	92,479	91,144
Petroleum and coal products	12,754	12,786	12,727	-0.3	+0.5	-2.2	13,269	13,537	13,231	12,711	+4.4	116,695	106,850
Rubber and plastics products	10,152	10,104	9,704	+0.5	+4.1	-1.7	10,515	10,262	8,843	10,013	+5.0	91,259	85,116
All other nondurable goods	24,937	25,068	24,833	-0.5	+0.9	-0.8	27,096	26,333	23,949	26,334	+2.9	219,498	208,898

^p Preliminary. ^r Revised.

¹ Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations.

See note at end of table 2 relating to survey variability.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS
(Millions of dollars)

Industry	Seasonally adjusted						Not seasonally adjusted ¹						
	Monthly			Percent Change			Monthly				Percent change	Year to date	
	Sept. 1995 ^p	Aug. 1995 ^r	July 1995	Aug.-Sept.	July-Aug.	June-July	Sept. 1995 ^p	Aug. 1995 ^r	July 1995	Sept. 1994		1995 ^p	1994
All manufacturing industries	306,531	301,903	293,863	+1.5	+2.7	-1.0	321,026	301,043	265,461	302,249	+6.2	2,685,656	2,500,788
Manufacturing industries with unfilled orders	170,372	166,381	162,682	+2.4	+2.3	-0.7	178,802	163,562	145,071	164,250	+8.9	1,472,765	1,344,562
without defense capital goods	299,551	294,961	288,882	+1.6	+2.1	-0.9	313,438	295,185	261,580	295,003	+6.2	2,634,089	2,447,398
Durable goods industries	168,914	164,082	156,130	+2.9	+5.1	-1.8	176,208	159,741	133,407	162,557	+8.4	1,448,516	1,341,983
With unfilled orders	135,336	131,462	127,133	+2.9	+3.4	-0.7	142,328	127,669	111,096	129,904	+9.6	1,158,435	1,059,533
Stone, clay, and glass products	7,357	7,490	7,381	-1.8	+1.5	+2.8	7,876	8,145	7,502	7,252	+8.6	64,948	60,619
Primary metals	14,948	15,258	14,318	-2.0	+6.6	-0.1	14,499	14,702	12,486	14,028	+3.4	134,723	118,923
Blast furnaces, steel mills	6,256	6,400	6,035	-2.3	+6.0	-0.5	5,945	6,370	5,247	6,037	-1.5	57,624	52,612
Iron and steel foundries	1,412	1,411	1,220	+0.1	+15.7	-0.2	1,429	1,342	955	1,265	+13.0	12,002	11,126
Nonferrous and other primary metals	7,280	7,447	7,063	-2.2	+5.4	+0.3	7,125	6,990	6,284	6,726	+5.9	65,097	55,185
Fabricated metal products	16,091	15,932	15,756	+1.0	+1.1	+0.9	16,728	16,341	14,112	15,849	+5.5	143,626	136,600
Industrial machinery and equipment	31,720	31,415	29,818	+1.0	+5.4	-6.6	34,269	29,292	24,985	31,656	+8.3	278,484	252,994
Engines and turbines	2,070	1,732	1,639	+19.5	+5.7	-25.9	2,451	1,810	1,320	2,196	+11.6	16,101	16,494
Construction, mining and material handling equipment	3,416	3,258	3,271	+4.8	-0.4	+0.5	3,445	3,012	2,826	3,007	+14.6	29,704	25,352
Metalworking machinery	3,285	3,305	3,507	-0.6	-5.8	+3.9	3,638	3,117	2,890	3,663	-0.7	30,814	27,376
Computer and office equipment	8,755	8,515	8,149	+2.8	+4.5	-11.9	10,928	7,565	6,017	9,915	+10.2	75,115	67,382
Electronic and other electrical equipment	28,144	26,683	28,304	+5.5	-5.7	+7.6	29,315	26,026	26,033	25,176	+16.4	236,714	199,090
Electrical transmission and distribution equipment and industrial apparatus	2,720	2,957	2,883	-8.0	+2.6	+1.4	2,990	2,924	2,588	2,767	+8.1	26,058	23,656
Electric lighting and wiring equipment	1,859	2,065	1,938	-10.0	+6.6	+8.7	2,002	2,036	1,627	2,063	-3.0	17,321	16,206
Communications equipment	7,647	5,808	6,115	+31.7	-5.0	-3.5	8,506	5,222	5,181	6,554	+29.8	55,355	42,537
Electronic components	10,679	10,463	12,457	+2.1	-16.0	+21.8	9,969	10,249	12,172	8,100	+23.1	93,018	71,349
Transportation equipment	43,111	38,988	33,278	+10.6	+17.2	-7.8	43,878	36,588	23,265	39,264	+11.8	340,659	333,234
Aircraft, missiles, space vehicles, and parts	11,395	8,991	7,353	+26.7	+22.3	+7.5	11,828	7,634	5,935	7,355	+60.8	71,698	64,058
Shipbuilding and tanks	620	470	468	+31.9	+0.4	-38.8	647	426	396	1,449	-55.3	5,626	6,273
Instruments and related products	10,805	11,577	10,856	-6.7	+6.6	-3.6	12,031	11,317	9,550	11,779	+2.1	99,419	94,210
Search and navigation equipment	2,047	2,423	1,974	-15.5	+22.7	-11.7	2,521	2,307	1,583	2,842	-11.3	19,626	19,331
Measuring and controlling devices	3,643	3,848	3,664	-5.3	+5.0	-1.8	3,948	3,812	3,235	3,369	+17.2	33,109	28,731
Medical instruments and supplies	3,007	3,115	3,027	-3.5	+2.9	-1.9	3,204	3,071	2,759	2,930	+9.4	27,013	25,755
All other durable goods	16,738	16,739	16,419	0.0	+1.9	+0.6	17,612	17,330	15,474	17,553	+0.3	149,943	146,313
Nondurable goods industries	137,617	137,821	137,733	-0.1	+0.1	0.0	144,818	141,302	132,054	139,692	+3.7	1,237,140	1,158,805
With unfilled orders	35,036	34,919	35,549	+0.3	-1.8	-0.5	36,474	35,893	33,975	34,346	+6.2	314,330	285,029

^p Preliminary. ^r Revised.

¹ Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations.

(n) When new orders for a prior month are negative because of cancellations, the percentage change calculation is algebraically negative, even though there is a net dollar increase from the prior month to the current month.

Note : Estimates of manufacturers' shipments, inventories and orders are subject to survey error and revision. One major component of survey error is nonsampling error, which includes errors of coverage, response, and nonreporting. Since the survey panel is not a probability sample, estimates of sampling error cannot be calculated. Further details on survey design, methodology, and data limitations are contained in our most recent annual benchmark publication, Current Industrial Reports: M3-1(92), "Manufacturers' Shipments, Inventories, and Orders: 1982-1992."

Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS
(Millions of dollars)

Industry	Seasonally adjusted						Not seasonally adjusted				
	Monthly			Percent Change			Monthly				Percent change Sept. 95/94
	Sept. 1995 ^p	Aug. 1995 ^r	July 1995	Aug.- Sept.	July- Aug.	June- July	Sept. 1995 ^p	Aug. 1995 ^r	July 1995	Sept. 1994	
All manufacturing industries	461,461	459,250	460,368	+0.5	-0.2	+0.1	457,017	459,284	461,863	445,914	+2.5
Manufacturing industries without defense capital goods	352,752	351,104	352,661	+0.5	-0.4	+0.5	349,688	352,498	354,606	335,871	+4.1
Durable goods industries	437,108	434,109	434,223	+0.7	0.0	0.0	432,520	433,413	434,928	421,287	+2.7
Stone, clay, and glass products	7,999	7,949	7,785	+0.6	+2.1	+2.2	8,156	8,353	8,082	7,549	+8.0
Primary metals	27,691	27,725	27,403	-0.1	+1.2	-1.4	26,439	27,290	27,544	25,910	+2.0
Blast furnaces, steel mills	11,458	11,601	11,436	-1.2	+1.4	-0.1	11,011	11,555	11,429	10,860	+1.4
Iron and steel foundries	3,787	3,704	3,639	+2.2	+1.8	-2.6	3,704	3,650	3,681	3,432	+7.9
Nonferrous and other primary metals	12,446	12,420	12,328	+0.2	+0.7	-2.1	11,724	12,085	12,434	11,618	+0.9
Fabricated metal products	21,282	21,215	21,418	+0.3	-0.9	0.0	21,325	21,481	21,589	20,630	+3.4
Industrial machinery and equipment	72,675	72,801	72,817	-0.2	0.0	-0.5	71,707	72,308	72,214	63,853	+12.3
Engines and turbines	10,271	10,131	10,232	+1.4	-1.0	-1.1	10,458	10,227	10,048	10,747	-2.7
Construction, mining and material handling equipment	8,056	7,919	7,937	+1.7	-0.2	+0.5	7,822	7,653	7,779	6,658	+17.5
Metalworking machinery	10,773	10,912	11,126	-1.3	-1.9	+0.4	10,773	10,912	11,126	9,492	+13.5
Computer and office equipment	11,692	12,036	12,267	-2.9	-1.9	-1.8	11,669	12,260	12,411	10,794	+8.1
Electronic and other electrical equipment	54,877	54,328	54,819	+1.0	-0.9	+4.8	53,593	54,578	55,327	44,950	+19.2
Electrical transmission and distribution equipment and industrial apparatus	5,725	5,995	6,030	-4.5	-0.6	+0.7	5,705	6,010	6,034	5,841	-2.3
Electric lighting and wiring equipment	3,886	3,979	3,853	-2.3	+3.3	+1.2	3,886	3,979	3,853	3,562	+9.1
Communications equipment	17,538	16,284	16,671	+7.7	-2.3	+0.3	17,551	16,207	16,700	14,514	+20.9
Electronic components	22,547	22,791	22,867	-1.1	-0.3	+11.6	21,307	23,058	23,399	15,347	+38.8
Transportation equipment	199,449	196,102	195,839	+1.7	+0.1	-0.8	198,114	195,212	195,709	202,217	-2.0
Aircraft, missiles, space vehicles, and parts	169,533	166,421	165,687	+1.9	+0.4	-0.5	168,344	165,520	165,541	173,113	-2.8
Shipbuilding and tanks	17,062	17,213	17,623	-0.9	-2.3	-1.8	17,084	17,245	17,681	16,671	+2.5
Instruments and related products	45,304	45,969	46,083	-1.4	-0.2	-0.6	45,133	45,595	45,755	47,816	-5.6
Search and navigation equipment	28,987	29,458	29,623	-1.6	-0.6	-1.4	28,783	29,076	29,290	31,571	-8.8
Measuring and controlling devices	9,918	10,035	9,947	-1.2	+0.9	+1.9	9,918	10,035	9,947	8,920	+11.2
Medical instruments and supplies	5,568	5,636	5,672	-1.2	-0.6	-0.7	5,568	5,636	5,672	6,507	-14.4
All other durable goods	7,831	8,020	8,059	-2.4	-0.5	+0.7	8,053	8,596	8,708	8,362	-3.7
Nondurable goods industries	24,353	25,141	26,145	-3.1	-3.8	+0.7	24,497	25,871	26,935	24,627	-0.5

^p Preliminary. ^r Revised.

See note at end of table 2 relating to survey variability.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS
(Millions of dollars)

Industry	Seasonally adjusted						Not seasonally adjusted				
	Monthly			Percent Change			Monthly				Percent change Sept. 95/94
	Sept. 1995 ^p	Aug. 1995 ^r	July 1995	Aug.- Sept.	July- Aug.	June- July	Sept. 1995 ^p	Aug. 1995 ^r	July 1995	Sept. 1994	
All manufacturing industries	415,564	413,146	412,423	+0.6	+0.2	+0.6	414,982	416,690	414,628	386,321	+7.4
Manufacturing industries with unfilled orders	279,076	277,423	276,353	+0.6	+0.4	+0.8	279,004	281,365	279,463	256,491	+8.8
without defense capital goods	393,801	391,503	390,646	+0.6	+0.2	+0.7	393,003	394,591	392,480	362,721	+8.3
Durable goods industries	261,375	260,091	259,532	+0.5	+0.2	+0.8	260,918	262,762	261,070	243,587	+7.1
With unfilled orders	239,805	238,557	237,799	+0.5	+0.3	+0.7	239,740	241,675	239,993	223,028	+7.5
Stone, clay, and glass products	8,509	8,493	8,450	+0.2	+0.5	+1.0	8,285	8,459	8,553	7,303	+13.4
Primary metals	21,916	21,916	21,984	0.0	-0.3	+0.4	21,853	22,063	22,149	19,954	+9.5
Blast furnaces, steel mills	10,520	10,504	10,473	+0.2	+0.3	+0.1	10,488	10,545	10,606	9,572	+9.6
Iron and steel foundries	1,622	1,624	1,677	-0.1	-3.2	+1.1	1,591	1,610	1,654	1,517	+4.9
Nonferrous and other primary metals	9,774	9,788	9,834	-0.1	-0.5	+0.6	9,774	9,908	9,889	8,865	+10.3
Fabricated metal products	25,218	25,429	25,612	-0.8	-0.7	0.0	24,939	25,485	25,828	23,457	+6.3
Industrial machinery and equipment	52,905	52,841	52,609	+0.1	+0.4	+0.6	52,877	53,599	52,795	49,082	+7.7
Engines and turbines	3,800	3,819	3,854	-0.5	-0.9	-0.4	3,867	4,032	3,917	3,867	0.0
Farm and garden machinery	2,629	2,677	2,717	-1.8	-1.5	-1.8	2,519	2,505	2,483	2,555	-1.4
Construction, mining and material handling equipment	6,514	6,466	6,453	+0.7	+0.2	0.0	6,449	6,413	6,397	5,887	+9.5
Metalworking machinery	6,341	6,284	6,238	+0.9	+0.7	+1.8	6,436	6,491	6,378	5,674	+13.4
Computer and office equipment	11,528	11,601	11,424	-0.6	+1.5	+0.6	11,655	12,231	11,811	11,363	+2.6
Electronic and other electrical equipment	46,174	45,379	44,788	+1.8	+1.3	+2.3	45,971	46,072	45,390	38,286	+20.1
Electrical transmission and distribution equipment and industrial apparatus	4,838	4,841	4,855	-0.1	-0.3	+0.6	4,832	4,933	4,926	4,557	+6.0
Household appliances	2,750	2,822	2,865	-2.6	-1.5	+0.7	2,555	2,721	2,812	2,564	-0.4
Electric lighting and wiring equipment	3,285	3,297	3,282	-0.4	+0.5	+1.1	3,262	3,353	3,357	2,993	+9.0
Household audio and video equipment	1,636	1,619	1,567	+1.1	+3.3	+1.2	1,742	1,769	1,692	1,292	+34.8
Communications equipment	15,427	14,776	14,420	+4.4	+2.5	+2.3	15,199	14,899	14,528	11,381	+33.5
Electronic components	14,483	14,284	13,988	+1.4	+2.1	+3.4	14,570	14,534	14,190	12,020	+21.2
Transportation equipment	59,119	58,877	59,069	+0.4	-0.3	+0.5	59,377	59,621	59,109	59,539	-0.3
Motor vehicles and parts	11,971	12,147	12,500	-1.4	-2.8	+1.1	12,090	12,348	12,307	12,057	+0.3
Aircraft, missiles, space vehicles, and parts	42,343	42,002	41,880	+0.8	+0.3	0.0	42,600	42,567	42,120	43,522	-2.1
Shipbuilding and tanks	1,703	1,555	1,631	+9.5	-4.7	+6.7	1,644	1,565	1,696	1,337	+23.0
Instruments and related products	22,404	22,317	22,244	+0.4	+0.3	+0.5	22,596	22,682	22,487	22,041	+2.5
Search and navigation equipment	5,406	5,368	5,377	+0.7	-0.2	-1.1	5,485	5,497	5,481	5,615	-2.3
Measuring and controlling devices	7,278	7,289	7,225	-0.2	+0.9	+1.7	7,300	7,371	7,283	6,614	+10.4
Medical instruments and supplies	6,241	6,216	6,202	+0.4	+0.2	+1.1	6,266	6,307	6,238	6,224	+0.7
Photographic goods	2,612	2,575	2,565	+1.4	+0.4	-1.2	2,693	2,642	2,603	2,738	-1.6
All other durable goods	25,130	24,839	24,776	+1.2	+0.3	+0.9	25,020	24,781	24,759	23,925	+4.6
Nondurable goods industries	154,189	153,055	152,891	+0.7	+0.1	+0.2	154,064	153,928	153,558	142,734	+7.9
With unfilled orders	39,271	38,866	38,554	+1.0	+0.8	+1.3	39,264	39,690	39,470	33,463	+17.3
Food and kindred products	31,089	30,747	30,878	+1.1	-0.4	-0.4	31,622	30,775	30,097	31,626	0.0
Meat products	3,729	3,605	3,554	+3.4	+1.4	+0.6	3,740	3,602	3,617	3,429	+9.1
Dairy products	2,579	2,591	2,658	-0.5	-2.5	+1.6	2,556	2,655	2,764	2,722	-6.1
Beverages	5,260	5,197	5,300	+1.2	-1.9	-0.2	5,271	5,096	5,260	5,316	-0.8
All other foods, except fats and oils	17,632	17,643	17,744	-0.1	-0.6	-1.4	18,478	17,923	16,914	18,787	-1.6
Tobacco products	5,656	5,502	5,358	+2.8	+2.7	+0.9	5,611	5,281	5,041	5,641	-0.5
Textile mill products	10,373	10,315	10,260	+0.6	+0.5	+0.1	10,156	10,386	10,474	9,468	+7.3
Broadwoven fabrics and other textiles	5,855	5,842	5,803	+0.2	+0.7	+0.7	5,691	5,849	5,890	5,268	+8.0
Paper and allied products	16,429	16,066	15,848	+2.3	+1.4	+1.9	16,222	16,081	15,955	13,337	+21.6
Pulp, paper, and paperboard mill products	6,629	6,383	6,149	+3.9	+3.8	+3.5	6,543	6,394	6,146	5,423	+20.7
Paperboard containers and boxes	4,609	4,548	4,539	+1.3	+0.2	+4.1	4,581	4,557	4,602	3,319	+38.0
Miscellaneous converted paper products	5,191	5,135	5,160	+1.1	-0.5	-1.7	5,098	5,130	5,207	4,595	+10.9
Chemicals and allied products	36,349	36,143	36,116	+0.6	+0.1	+0.3	35,909	36,012	36,068	33,529	+7.1
Industrial chemicals	18,332	18,123	18,040	+1.2	+0.5	+1.6	18,149	18,027	18,079	15,891	+14.2
Drugs, soaps, and toiletries	13,331	13,218	13,188	+0.9	+0.2	-0.5	13,318	13,490	13,397	13,454	-1.0
Petroleum and coal products	10,813	10,757	10,878	+0.5	-1.1	-2.6	10,971	10,927	11,116	10,491	+4.6
Rubber and plastics products	14,238	14,251	14,328	-0.1	-0.5	+0.2	13,935	14,056	14,303	12,435	+12.1
All other nondurable goods	29,242	29,274	29,225	-0.1	+0.2	+0.9	29,638	30,410	30,504	26,207	+13.1

^p Preliminary. ^r Revised.

See note at end of table 2 relating to survey variability.

**Table 5. VALUE OF MANUFACTURERS' SHIPMENTS AND NEW ORDERS
FOR TOPICAL SERIES¹
(Millions of dollars)**

Industry	Seasonally adjusted						Not seasonally adjusted ²						
	Monthly			Percent Change			Monthly				Percent change	Year to date	
	Sept. 1995 ^p	Aug. 1995 ^r	July 1995	Aug.-Sept.	July-Aug.	June-July	Sept. 1995 ^p	Aug. 1995 ^r	July 1995	Sept. 1994		1995 ^p	1994
SHIPMENTS													
All manufacturing industries	304,320	303,021	293,474	+0.4	+3.3	-1.8	323,293	303,622	264,149	304,359	+6.2	2,680,407	2,493,232
Market categories :													
Automotive equipment	14,865	14,460	12,392	+2.8	+16.7	-9.2	15,132	13,993	8,382	14,602	+3.6	127,397	124,022
Home goods and apparel	19,712	19,715	19,502	0.0	+1.1	-0.6	22,229	21,087	18,069	22,072	+0.7	175,161	169,095
Consumer staples	61,089	61,450	60,849	-0.6	+1.0	+0.8	65,590	62,873	58,571	63,666	+3.0	542,645	523,958
Machinery and equipment	55,696	54,743	51,787	+1.7	+5.7	-5.2	60,091	51,620	43,002	54,714	+9.8	479,542	436,185
Business supplies	22,728	22,791	22,639	-0.3	+0.7	-0.2	23,534	22,885	21,382	22,304	+5.5	200,718	186,675
Construction materials and supplies	18,997	18,881	18,541	+0.6	+1.8	+0.9	20,422	19,868	17,590	19,545	+4.5	168,435	161,194
Defense products	6,905	6,979	6,804	-1.1	+2.6	-2.1	7,593	6,853	6,188	7,746	-2.0	62,103	64,570
Other materials, supplies and intermediate products	104,328	104,002	100,960	+0.3	+3.0	-1.4	108,702	104,443	90,965	99,710	+9.0	924,406	827,533
Durable goods industries :													
Nondefense capital goods ³	43,368	42,517	41,029	+2.0	+3.6	-4.7	48,211	39,669	35,127	42,470	+13.5	371,499	326,874
Excluding aircraft and parts	38,460	37,638	36,263	+2.2	+3.8	-4.5	42,880	35,295	31,088	37,179	+15.3	327,224	284,298
Defense capital goods ⁴	6,417	6,503	6,371	-1.3	+2.1	-1.1	7,045	6,329	5,720	7,193	-2.1	57,343	60,485
Durables excluding capital goods	116,130	115,176	108,519	+0.8	+6.1	-2.5	121,845	115,258	91,576	114,610	+6.3	1,014,602	950,964
Miscellaneous series :													
Producers' durable equipment	105,993	104,960	97,960	+1.0	+7.1	-4.8	113,251	100,950	79,153	105,868	+7.0	918,915	860,452
Household durable goods	8,642	8,677	8,431	-0.4	+2.9	0.0	9,880	8,966	7,313	9,481	+4.2	74,911	71,260
Information technology industries	21,248	20,770	19,934	+2.3	+4.2	-4.9	24,965	19,165	16,309	21,508	+16.1	178,156	154,485
Health care equipment and products	8,666	8,911	8,753	-2.7	+1.8	+1.6	9,595	8,959	8,052	9,564	+0.3	77,970	76,193
NEW ORDERS													
All manufacturing industries	306,531	301,903	293,863	+1.5	+2.7	-1.0	321,026	301,043	265,461	302,249	+6.2	2,685,656	2,500,788
Market categories :													
Automotive equipment	14,872	14,452	12,375	+2.9	+16.8	-9.3	15,097	14,000	8,412	14,555	+3.7	127,297	124,194
Home goods and apparel	19,371	19,401	19,190	-0.2	+1.1	-1.5	21,335	20,802	18,180	21,575	-1.1	176,695	171,271
Consumer staples	61,029	61,470	61,001	-0.7	+0.8	+0.9	65,519	62,924	58,767	63,622	+3.0	542,971	524,063
Machinery and equipment	59,185	54,115	50,898	+9.4	+6.3	-6.2	62,831	50,829	41,812	54,144	+16.0	484,168	436,130
Business supplies	22,653	22,867	22,750	-0.9	+0.5	+0.5	23,380	23,032	21,466	22,183	+5.4	201,257	186,959
Construction materials and supplies	18,888	19,053	18,695	-0.9	+1.9	+2.9	20,048	20,047	17,872	19,385	+3.4	168,863	162,536
Defense products	7,654	7,443	5,740	+2.8	+29.7	-1.6	8,333	6,406	4,673	7,744	+7.6	57,063	57,698
Other materials, supplies and intermediate products	102,879	103,102	103,214	-0.2	-0.1	+0.9	104,483	103,003	94,279	99,041	+5.5	927,342	837,937
Durable goods industries :													
Nondefense capital goods ³	46,649	41,676	40,233	+11.9	+3.6	-6.4	50,821	38,980	34,064	42,405	+19.8	376,580	328,359
Excluding aircraft and parts	39,499	36,924	35,838	+7.0	+3.0	-8.1	43,248	34,733	30,396	38,312	+12.9	333,711	295,653
Defense capital goods ⁴	6,980	6,942	4,981	+0.5	+39.4	-7.1	7,588	5,858	3,881	7,246	+4.7	51,567	53,390
Durables excluding capital goods	115,285	115,464	110,916	-0.2	+4.1	+0.2	117,799	114,903	95,462	112,906	+4.3	1,020,369	960,234
Miscellaneous series :													
Producers' durable equipment	109,662	104,113	97,032	+5.3	+7.3	-5.1	115,499	100,404	78,790	104,540	+10.5	925,700	866,623
Household durable goods	8,618	8,559	8,553	+0.7	+0.1	-0.2	9,565	8,921	7,777	9,427	+1.5	75,962	72,752
Information technology industries	21,712	20,109	19,976	+8.0	+0.7	-6.2	25,184	18,576	16,203	22,300	+12.9	180,999	158,161
Health care equipment and products	8,596	8,874	8,715	-3.1	+1.8	+1.2	9,525	8,922	8,015	9,281	+2.6	77,246	75,246

^p Preliminary. ^r Revised.

¹ Topical series are regroupings of the separate industry categories.

² Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations.

³ Nondefense capital goods industries include : ordnance and accessories; steam, gas and hydraulic turbines; internal combustion engines; construction, mining, and material handling equipment; metalworking machinery; special industry machinery; general industrial machinery; computer and office equipment; refrigeration, heating and service industry machinery; electrical transmission and distribution equipment; electrical industrial apparatus; communications equipment; aircraft, missiles, space vehicles, and engines and parts; ships and tank components; railroad equipment; and search and navigation equipment.

⁴ Defense capital goods industries include : ordnance and accessories; communications equipment; aircraft, missiles, space vehicles, and engines and parts; ships, tanks and tank components; and search and navigation equipment.

See note at end of table 2 relating to survey variability.

**Table 6. VALUE OF MANUFACTURERS' UNFILLED ORDERS AND TOTAL INVENTORIES
FOR TOPICAL SERIES¹
(Millions of dollars)**

Industry	Seasonally adjusted						Not seasonally adjusted				
	Monthly			Percent Change			Monthly				Percent change Sept. 95/94
	Sept. 1995 ^p	Aug. 1995 ^r	July 1995	Aug.- Sept.	July- Aug.	June- July	Sept. 1995 ^p	Aug. 1995 ^r	July 1995	Sept. 1994	
UNFILLED ORDERS											
All manufacturing industries	461,461	459,250	460,368	+0.5	-0.2	+0.1	457,017	459,284	461,863	445,914	+2.5
Market categories :											
Automotive equipment	2,083	2,077	2,084	+0.3	-0.3	-0.8	2,045	2,081	2,074	2,075	-1.4
Home goods and apparel	9,509	9,850	10,164	-3.5	-3.1	-3.0	9,862	10,756	11,041	10,839	-9.0
Consumer staples	1,898	1,958	1,938	-3.1	+1.0	+8.6	1,956	2,027	1,977	1,583	+23.6
Machinery and equipment	186,552	183,063	183,692	+1.9	-0.3	-0.5	185,457	182,717	183,508	180,169	+2.9
Business supplies	6,329	6,405	6,328	-1.2	+1.2	+1.8	6,348	6,502	6,355	5,651	+12.3
Construction materials and supplies	15,881	15,989	15,816	-0.7	+1.1	+1.0	15,867	16,241	16,062	15,218	+4.3
Defense products	103,596	102,848	102,384	+0.7	+0.5	-1.0	102,197	101,458	101,905	104,038	-1.8
Other materials, supplies and and intermediate products	135,613	137,060	137,962	-1.1	-0.7	+1.7	133,285	137,502	138,941	126,341	+5.5
Durable goods industries :											
Nondefense capital goods ³	206,015	202,734	203,575	+1.6	-0.4	-0.4	204,997	202,387	203,076	198,822	+3.1
Excluding aircraft and parts	98,512	97,473	98,187	+1.1	-0.7	-0.4	97,494	97,126	97,688	87,013	+12.0
Defense capital goods ⁴	108,709	108,146	107,707	+0.5	+0.4	-1.3	107,329	106,786	107,257	110,043	-2.5
Durables excluding capital goods	122,384	123,229	122,941	-0.7	+0.2	+2.0	120,194	124,240	124,595	112,422	+6.9
Miscellaneous series :											
Producers' durable equipment	221,348	217,679	218,526	+1.7	-0.4	-0.4	220,499	218,251	218,797	212,314	+3.9
Household durable goods	6,007	6,031	6,149	-0.4	-1.9	+2.0	6,248	6,563	6,608	6,327	-1.2
Information technology industries	39,781	39,317	39,978	+1.2	-1.7	+0.1	39,772	39,553	40,142	35,762	+11.2
Health care equipment and products	5,597	5,667	5,703	-1.2	-0.6	-0.7	5,597	5,667	5,705	6,539	-14.4
TOTAL INVENTORIES											
All manufacturing industries	415,564	413,146	412,423	+0.6	+0.2	+0.6	414,982	416,690	414,628	386,321	+7.4
Market categories :											
Automotive equipment	6,520	6,630	6,742	-1.7	-1.7	+2.0	6,492	6,667	6,574	6,187	+4.9
Home goods and apparel	33,942	33,832	33,869	+0.3	-0.1	0.0	33,822	34,519	34,903	31,613	+7.0
Consumer staples	59,242	58,673	58,728	+1.0	-0.1	-0.6	59,967	59,067	58,223	58,979	+1.7
Machinery and equipment	102,161	101,267	100,436	+0.9	+0.8	+1.1	102,036	102,460	100,675	93,395	+9.3
Business supplies	23,866	23,928	23,969	-0.3	-0.2	+0.1	24,022	24,373	24,333	21,390	+12.3
Construction materials and supplies	26,515	26,451	26,453	+0.2	0.0	+0.9	26,205	26,417	26,657	24,576	+6.6
Defense products	21,232	21,098	21,197	+0.6	-0.5	-0.9	21,419	21,509	21,549	22,710	-5.7
Other materials, supplies and and intermediate products	142,086	141,267	141,029	+0.6	+0.2	+1.0	141,019	141,678	141,714	127,471	+10.6
Durable goods industries :											
Nondefense capital goods ³	97,110	96,003	95,145	+1.2	+0.9	+1.1	96,991	97,389	95,829	88,012	+10.2
Excluding aircraft and parts	70,036	69,239	68,539	+1.2	+1.0	+1.1	69,834	70,389	69,217	61,648	+13.3
Defense capital goods ⁴	21,763	21,643	21,777	+0.6	-0.6	-1.1	21,979	22,099	22,148	23,600	-6.9
Durables excluding capital goods	142,502	142,445	142,610	0.0	-0.1	+0.9	141,948	143,274	143,093	131,975	+7.6
Miscellaneous series :											
Producers' durable equipment	162,801	162,171	161,781	+0.4	+0.2	+0.9	162,590	163,973	162,378	150,306	+8.2
Household durable goods	14,810	14,703	14,792	+0.7	-0.6	-0.5	14,733	14,974	15,106	13,908	+5.9
Information technology industries	37,489	36,857	36,251	+1.7	+1.7	+1.4	37,507	37,769	36,848	32,799	+14.4
Health care equipment and products	13,506	13,420	13,391	+0.6	+0.2	+0.3	13,522	13,654	13,539	13,536	-0.1

See footnotes at end of table 5.

See note at end of table 2 relating to survey variability.

**Table 7. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION,
BY INDUSTRY GROUP**
(Millions of dollars)

Industry	Seasonally adjusted						Not seasonally adjusted				
	Monthly			Percent Change			Monthly				Percent change Sept. 95/94
	Sept. 1995 ^p	Aug. 1995 ^r	July 1995	Aug.- Sept.	July- Aug.	June- July	Sept. 1995 ^p	Aug. 1995 ^r	July 1995	Sept. 1994	
MATERIALS AND SUPPLIES											
All manufacturing industries	137,156	136,910	136,023	+0.2	+0.7	+0.6	137,086	137,738	136,249	125,265	+9.4
Durable goods industries	79,924	79,903	79,171	0.0	+0.9	+0.9	80,301	80,875	79,272	73,172	+9.7
Stone, clay, and glass products	2,895	2,889	2,842	+0.2	+1.7	+0.7	2,888	2,914	2,849	2,608	+10.7
Primary metals	6,777	6,833	6,772	-0.8	+0.9	+0.4	6,819	6,914	6,783	6,269	+8.8
Fabricated metal products	8,595	8,854	9,005	-2.9	-1.7	+0.1	8,605	8,802	9,007	8,243	+4.4
Industrial machinery and equipment	18,124	17,995	17,686	+0.7	+1.7	+1.2	18,186	18,327	17,683	16,287	+11.7
Electronic and other electrical equipment	16,430	16,155	15,579	+1.7	+3.7	+2.2	16,416	16,376	15,756	12,369	+32.7
Transportation equipment	9,798	9,991	10,219	-1.9	-2.2	-1.1	9,821	10,124	10,153	10,975	-10.5
Instruments and related products	7,134	7,059	7,032	+1.1	+0.4	+0.9	7,173	7,135	7,079	6,703	+7.0
Lumber, furniture and miscellaneous durable goods	10,171	10,127	10,036	+0.4	+0.9	+1.8	10,393	10,203	9,962	9,718	+6.9
Nondurable goods industries	57,232	57,007	56,852	+0.4	+0.3	+0.2	56,785	56,863	56,977	52,093	+9.0
Food and kindred products	10,315	10,269	10,257	+0.4	+0.1	+0.9	9,995	9,946	10,005	9,855	+1.4
Tobacco products	4,723	4,657	4,650	+1.4	+0.2	+0.8	4,632	4,516	4,418	4,700	-1.4
Textile mill products	3,028	2,994	2,982	+1.1	+0.4	-1.1	2,962	3,004	3,075	2,748	+7.8
Paper and allied products	8,290	8,202	8,117	+1.1	+1.0	+1.2	8,291	8,191	8,121	6,816	+21.6
Chemicals and allied products	11,683	11,707	11,754	-0.2	-0.4	-0.5	11,614	11,715	11,827	11,233	+3.4
Petroleum and coal products	3,341	3,277	3,278	+2.0	0.0	-2.1	3,362	3,352	3,376	3,051	+10.2
Rubber and plastics products	5,265	5,356	5,407	-1.7	-0.9	-0.4	5,234	5,286	5,428	4,697	+11.4
Apparel, printing and publishing and leather goods	10,587	10,545	10,407	+0.4	+1.3	+0.8	10,695	10,853	10,727	8,993	+18.9
WORK IN PROCESS											
All manufacturing industries	134,177	133,499	133,687	+0.5	-0.1	+0.8	135,360	135,235	134,693	130,264	+3.9
Durable goods industries	109,355	108,762	108,897	+0.5	-0.1	+0.9	110,225	110,465	109,795	106,147	+3.8
Stone, clay, and glass products	1,354	1,338	1,360	+1.2	-1.6	+1.8	1,317	1,339	1,398	991	+32.9
Primary metals	8,273	8,209	8,217	+0.8	-0.1	+0.7	8,324	8,324	8,338	7,432	+12.0
Fabricated metal products	8,028	8,024	8,040	0.0	-0.2	0.0	8,021	8,120	8,090	7,566	+6.0
Industrial machinery and equipment	19,311	19,605	19,677	-1.5	-0.4	+0.7	19,804	20,085	19,792	19,373	+2.2
Electronic and other electrical equipment	16,886	16,513	16,708	+2.3	-1.2	+1.6	16,888	16,722	16,916	15,698	+7.6
Transportation equipment	41,236	40,761	40,537	+1.2	+0.6	+1.2	41,500	41,304	40,680	40,580	+2.3
Instruments and related products	9,299	9,299	9,305	0.0	-0.1	+0.7	9,396	9,512	9,479	9,306	+1.0
Lumber, furniture and miscellaneous durable goods	4,968	5,013	5,053	-0.9	-0.8	-0.2	4,975	5,059	5,102	5,201	-4.3
Nondurable goods industries	24,822	24,737	24,790	+0.3	-0.2	+0.3	25,135	24,770	24,898	24,117	+4.2
Food and kindred products	4,145	4,107	4,101	+0.9	+0.1	-0.2	4,219	3,777	3,861	4,236	-0.4
Tobacco products	251	304	224	-17.4	+35.7	+21.7	294	240	166	223	+31.8
Textile mill products	2,768	2,750	2,713	+0.7	+1.4	+1.3	2,785	2,773	2,751	2,565	+8.6
Paper and allied products	1,522	1,474	1,453	+3.3	+1.4	+2.8	1,498	1,502	1,496	1,181	+26.8
Chemicals and allied products	5,624	5,580	5,605	+0.8	-0.4	+0.8	5,652	5,634	5,668	5,493	+2.9
Petroleum and coal products	2,181	2,165	2,164	+0.7	0.0	-5.0	2,227	2,230	2,207	2,270	-1.9
Rubber and plastics products	2,042	2,037	2,075	+0.2	-1.8	-0.4	2,010	2,023	2,044	1,855	+8.4
Apparel, printing and publishing and leather goods	6,289	6,320	6,455	-0.5	-2.1	+0.8	6,450	6,591	6,705	6,294	+2.5
FINISHED GOODS											
All manufacturing industries	144,231	142,737	142,713	+1.0	0.0	+0.3	142,536	143,717	143,686	130,792	+9.0
Durable goods industries	72,096	71,426	71,464	+0.9	-0.1	+0.5	70,392	71,422	72,003	64,268	+9.5
Stone, clay, and glass products	4,260	4,266	4,248	-0.1	+0.4	+0.9	4,080	4,206	4,306	3,704	+10.2
Primary metals	6,866	6,874	6,995	-0.1	-1.7	0.0	6,710	6,825	7,028	6,253	+7.3
Fabricated metal products	8,595	8,551	8,567	+0.5	-0.2	0.0	8,313	8,483	8,731	7,648	+8.7
Industrial machinery and equipment	15,470	15,241	15,246	+1.5	0.0	-0.4	14,887	15,187	15,320	13,422	+10.9
Electronic and other electrical equipment	12,858	12,711	12,501	+1.2	+1.7	+3.2	12,667	12,974	12,718	10,219	+24.0
Transportation equipment	8,085	8,125	8,313	-0.5	-2.3	-0.4	8,056	8,193	8,276	7,984	+0.9
Instruments and related products	5,971	5,959	5,907	+0.2	+0.9	-0.3	6,027	6,035	5,929	6,032	-0.1
Lumber, furniture and miscellaneous durable goods	9,991	9,699	9,687	+3.0	+0.1	+0.5	9,652	9,519	9,695	9,006	+7.2
Nondurable goods industries	72,135	71,311	71,249	+1.2	+0.1	+0.2	72,144	72,295	71,683	66,524	+8.4
Food and kindred products	16,629	16,371	16,520	+1.6	-0.9	-1.3	17,408	17,052	16,231	17,535	-0.7
Tobacco products	682	541	484	+26.1	+11.8	-5.1	685	525	457	718	-4.6
Textile mill products	4,577	4,571	4,565	+0.1	+0.1	+0.1	4,409	4,609	4,648	4,155	+6.1
Paper and allied products	6,617	6,390	6,278	+3.6	+1.8	+2.6	6,433	6,388	6,338	5,340	+20.5
Chemicals and allied products	19,042	18,856	18,757	+1.0	+0.5	+0.7	18,643	18,663	18,573	16,803	+11.0
Petroleum and coal products	5,291	5,315	5,436	-0.5	-2.2	-1.9	5,382	5,345	5,533	5,170	+4.1
Rubber and plastics products	6,931	6,858	6,846	+1.1	+0.2	+0.8	6,691	6,747	6,831	5,883	+13.7
Apparel, printing and publishing and leather goods	12,366	12,409	12,363	-0.3	+0.4	+0.9	12,493	12,966	13,072	10,920	+14.4

^p Preliminary. ^r Revised.

See note at end of table 2 relating to survey variability.

Table 8. RATIOS OF MANUFACTURES' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP
(Based on seasonally adjusted data)

Industry	Inventory / Shipments ratio				Unfilled Orders / Shipments ratio ¹			
	Sept. 1995 ^p	Aug. 1995 ^r	July 1995	June 1995	Sept. 1995 ^p	Aug. 1995 ^r	July 1995	June 1995
All manufacturing industries	1.37	1.36	1.41	1.37	2.74	2.74	2.84	2.78
Durable goods industries	1.58	1.58	1.66	1.60	3.30	3.30	3.42	3.34
Stone, clay, and glass products	1.16	1.16	1.17	1.18	1.16	1.15	1.14	1.14
Primary metals	1.46	1.47	1.50	1.46	1.85	1.86	1.86	1.85
Fabricated metal products	1.57	1.58	1.62	1.64	1.44	1.43	1.48	1.49
Industrial machinery and equipment	1.66	1.68	1.74	1.69	2.42	2.46	2.57	2.52
Electronic and other electrical equipment	1.67	1.67	1.74	1.66	1.99	2.00	2.13	1.98
Transportation equipment	1.49	1.52	1.70	1.55	10.97	10.92	11.30	10.80
Instruments and related products	1.95	1.91	2.00	1.94	3.95	3.93	4.14	4.05
Nondurable goods industries	1.11	1.10	1.11	1.11	0.68	0.70	0.74	0.72
Food and kindred products	0.84	0.84	0.85	0.86	(X)	(X)	(X)	(X)
Tobacco products	2.14	1.93	1.81	1.92	(X)	(X)	(X)	(X)
Textile mill products	1.66	1.66	1.67	1.64	(NA)	(NA)	(NA)	(NA)
Paper and allied products	1.16	1.14	1.14	1.09	(NA)	(NA)	(NA)	(NA)
Chemicals and allied products	1.19	1.17	1.16	1.17	(X)	(X)	(X)	(X)
Petroleum and coal products	0.85	0.84	0.85	0.86	(X)	(X)	(X)	(X)
Rubber and plastics products	1.40	1.41	1.48	1.45	(X)	(X)	(X)	(X)

^p Preliminary. ^r Revised. (X) Not applicable. (NA) Not available.

¹ Excludes the following industries with no unfilled orders : Wood and lumber products; glass containers; metal cans, barrels and drums; farm and garden machinery; motor vehicle assembly operations; other transportation equipment; foods and related products; tobacco; knitting mill products; apparel and related products; chemicals; petroleum and coal products; and rubber and plastics products.

Table 9. REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES
(Based on seasonally adjusted data)

Industry	Shipments			New orders			Unfilled orders			Inventories		
	Sept. ¹ 1995	Sept. ² 1990-1994	Sept. 1994-Aug. 1995	Sept. ¹ 1995	Sept. ² 1990-1994	Sept. 1994-Aug. 1995	Sept. ¹ 1995	Sept. ² 1990-1994	Sept. 1994-Aug. 1995	Sept. ¹ 1995	Sept. ² 1990-1994	Sept. 1994-Aug. 1995
All manufacturing industries	(X)	0.1	0.1	(X)	0.3	0.2	(X)	0.1	0.1	(X)	0.0	0.1
Durable goods industries	0.0	0.1	0.2	-0.1	0.6	0.3	0.0	0.1	0.1	(X)	0.1	0.0
Stone, clay, and glass products	(X)	0.7	0.5	(X)	0.7	1.0	(X)	0.3	0.5	(X)	0.0	0.1
Primary metals	0.5	0.2	0.5	-0.6	0.6	1.0	-0.6	0.4	0.4	(X)	0.2	0.2
Fabricated metal products	(X)	0.4	0.3	(X)	0.4	0.6	(X)	0.2	0.3	(X)	0.1	0.2
Industrial machinery and equipment	-0.1	0.4	0.4	0.0	0.6	0.7	0.0	0.1	0.2	(X)	0.1	0.1
Electronic and other electrical equipment	0.0	0.4	0.5	0.3	1.5	0.8	0.1	0.4	0.3	(X)	0.3	0.1
Transportation equipment	-0.2	0.5	0.6	-0.2	1.0	1.0	0.0	0.1	0.1	(X)	0.1	0.2
Instruments and related products	(X)	0.4	0.3	(X)	1.8	0.9	(X)	0.5	0.2	(X)	0.4	0.1
Nondurable goods industries	(X)	0.1	0.1	(X)	0.2	0.2	(X)	0.4	0.3	(X)	0.1	0.1
Food and kindred products	(X)	0.2	0.1	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.2	0.1
Tobacco products	(X)	0.1	0.1	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.0	0.0
Textile mill products	(X)	0.3	0.2	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	0.0	0.2
Paper and allied products	(X)	0.2	0.2	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	0.1	0.2
Chemicals and allied products	(X)	0.4	0.3	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.2	0.2
Petroleum and coal products	(X)	0.2	0.2	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.3	0.2
Rubber and plastics products	(X)	0.0	0.3	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.2
Capital goods industries :												
Nondefense	-0.2	0.4	0.3	-0.2	1.0	0.8	0.0	0.1	0.1	(X)	0.1	0.1
Defense	1.1	0.6	0.4	-0.2	3.0	2.5	-0.1	0.1	0.1	(X)	0.2	0.3

(X) Not applicable. (NA) Not available.

Note : The five year and the twelve month revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the absolute values of the differences for the months specified. The advance to final percent change revisions for the durable goods industries are shown in the advance report for the month.

¹ The current month revisions are the difference between the advance percent change and the percent change as shown in this publication.

² Average for this month for the last five years.

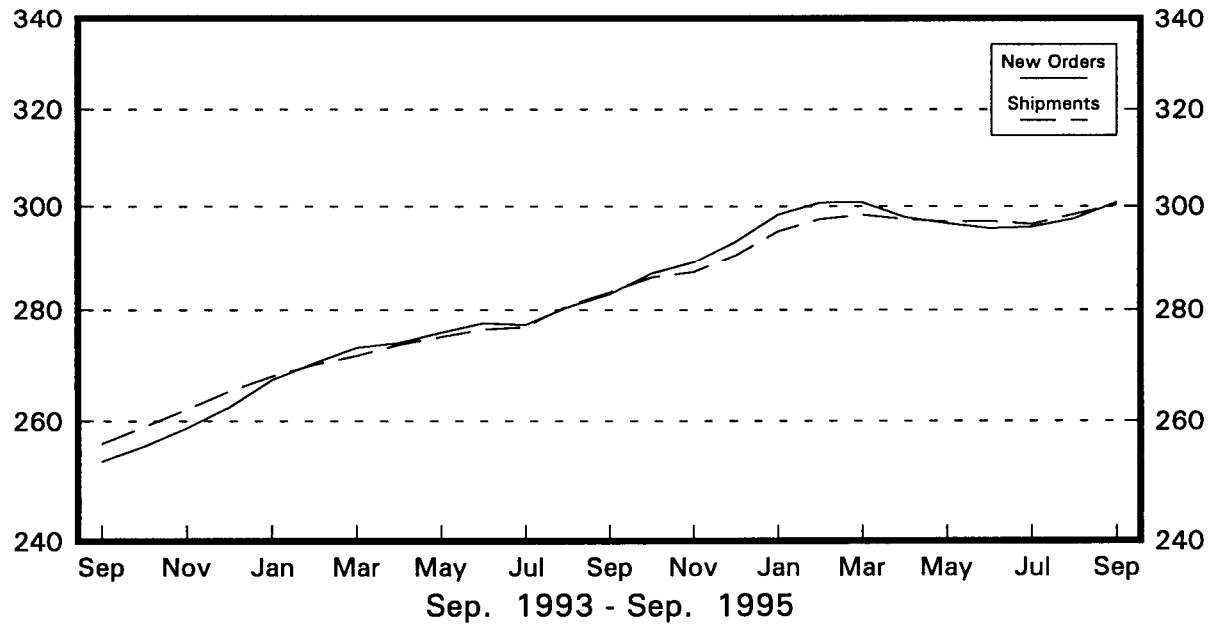
See note at end of table 2 relating to survey variability.

Total Manufacturing

New Orders and Shipments

Three Month Moving Averages

Billions of Dollars

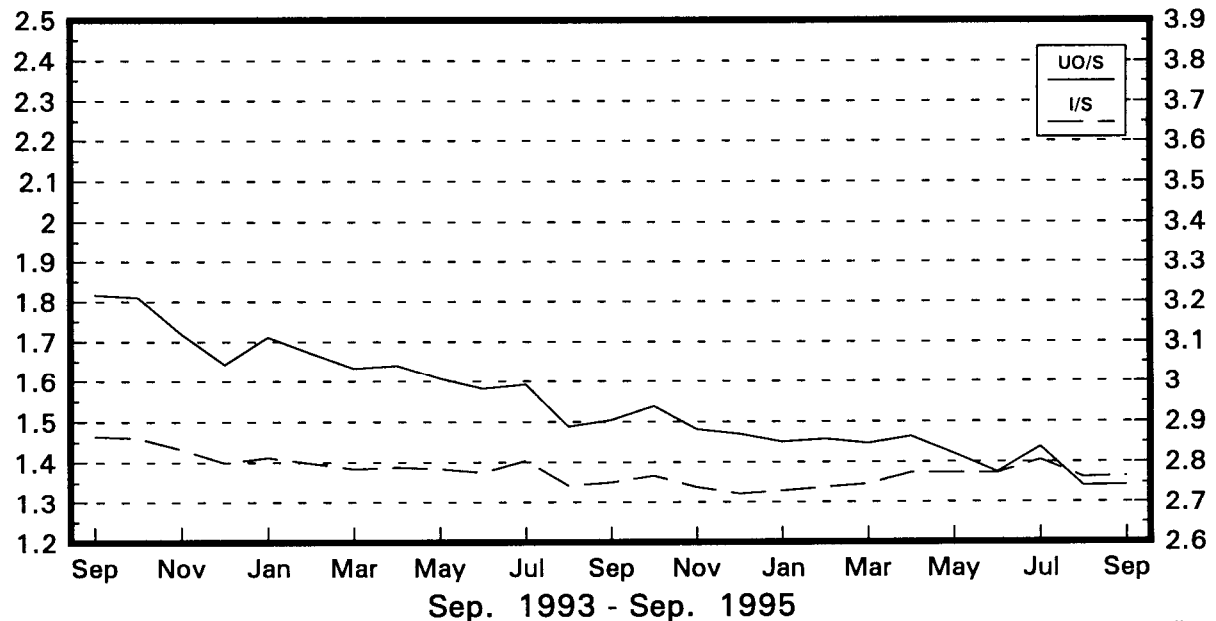


Total Manufacturing

Ratio of Unfilled Orders and Inventories to Shipments

I/S Ratios

UO/S Ratios



Note: All Charts based on seasonally adjusted current dollars.

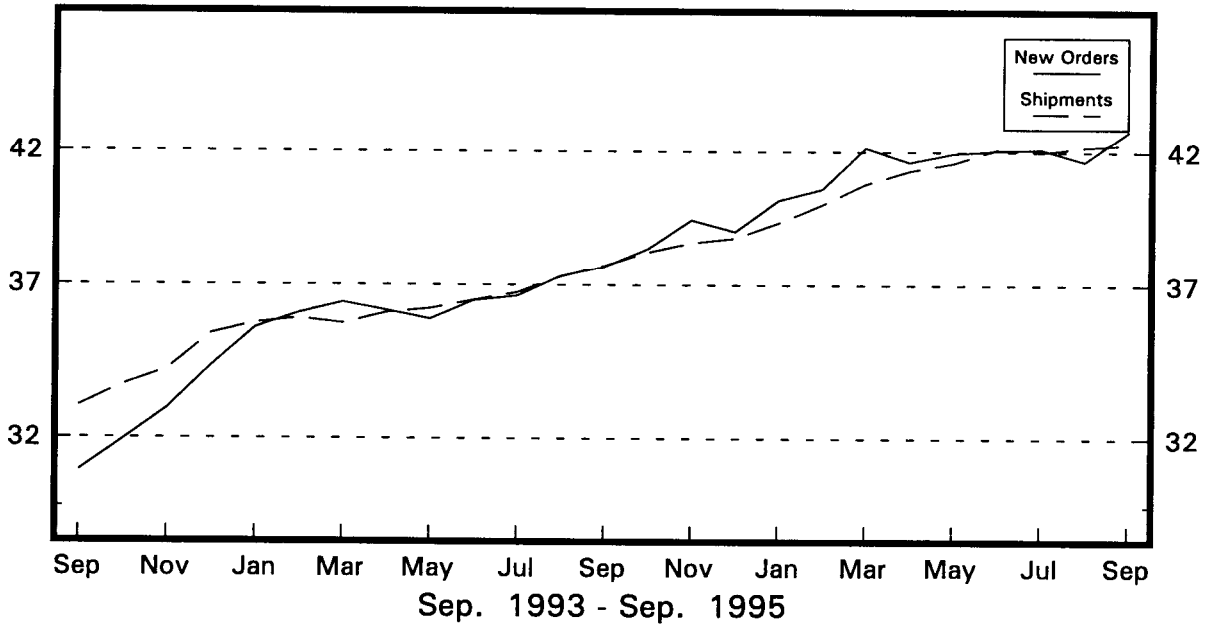
Nondefense Capital Goods

11

New Orders and Shipments

Three Month Moving Averages

Billions of Dollars

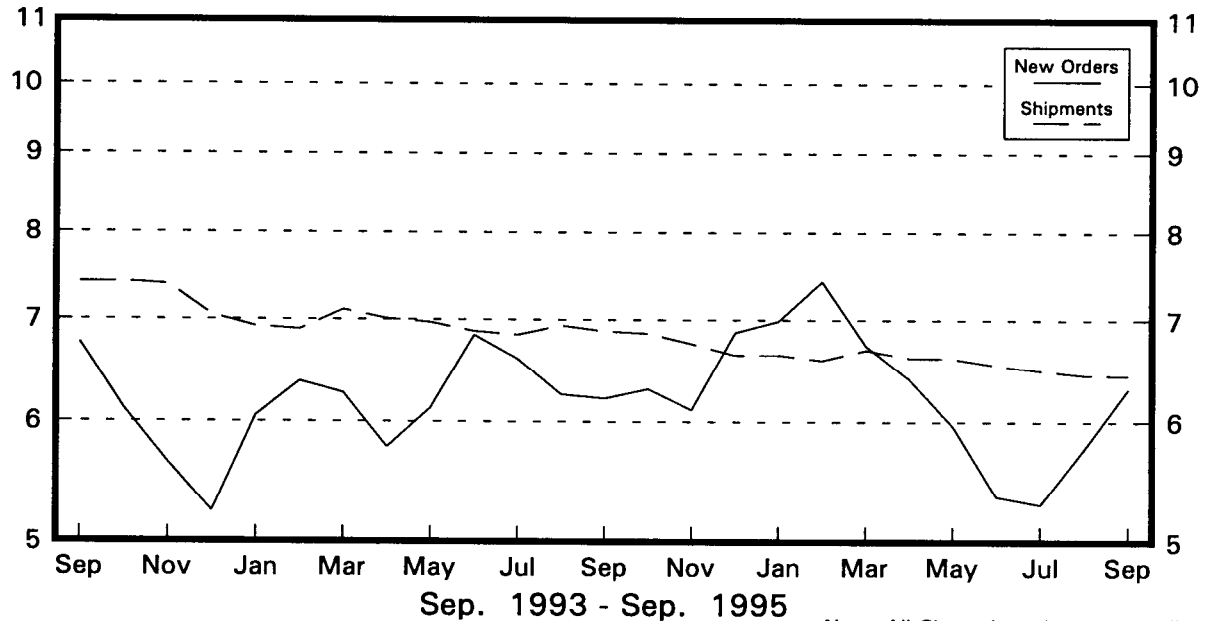


Defense Capital Goods

New Orders and Shipments

Three Month Moving Averages

Billions of Dollars



Note: All Charts based on seasonally adjusted current dollars.